THE CAMBRIDGE STATISTICS DISCUSSION GROUP

Monday 25th February 2019 7:15 for 7:45

The Lightfoot Room, Divinity School, St John's College, St John's Street, Cambridge CB2 1TP

Solving the Reproducibility Crisis

Nicole Janz
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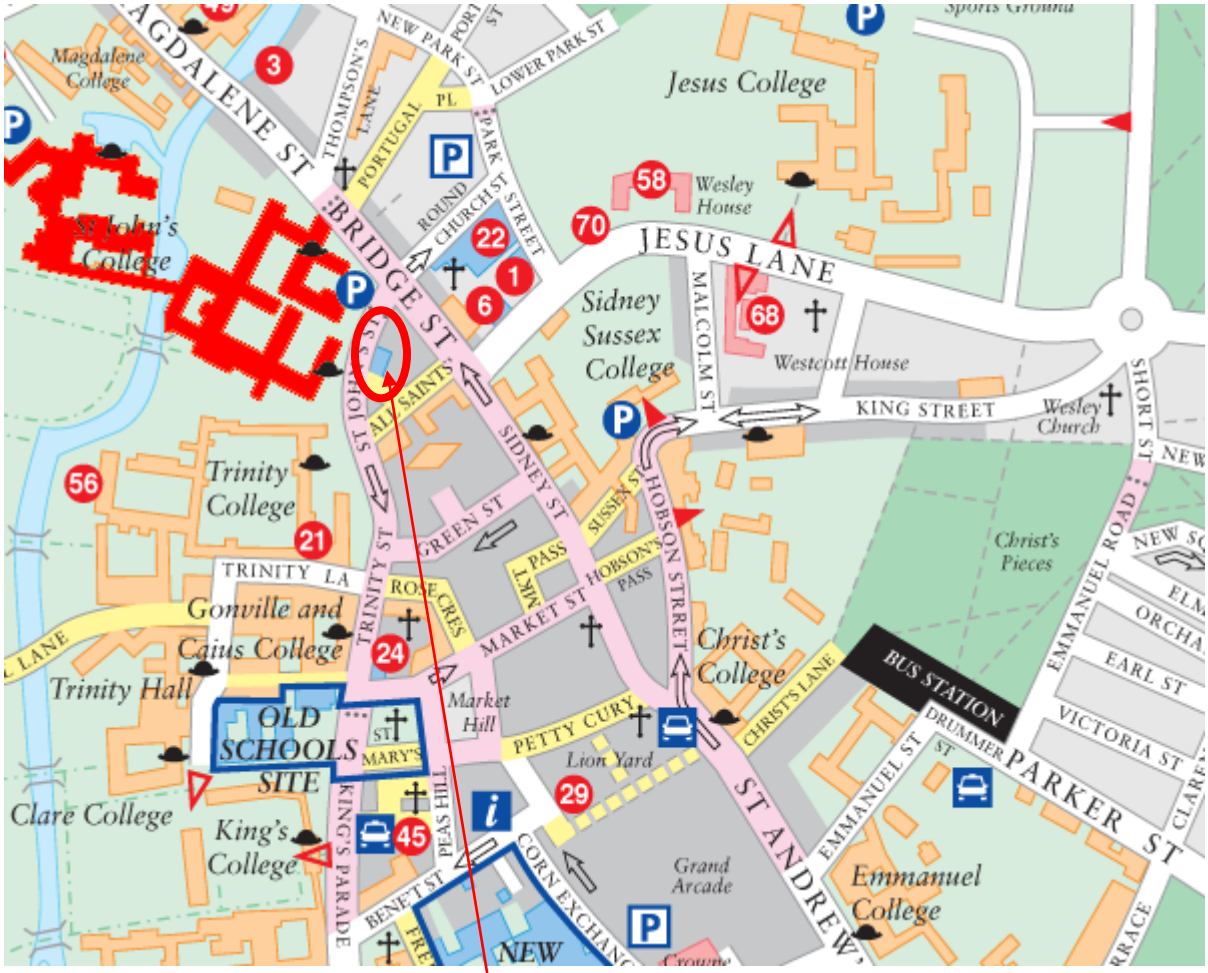
Abstract: Reproducibility is held as the gold standard for scientific research. The legitimacy of any published work depends on the question: can we access the data, replicate the analysis and come to the same results? In many cases, the answer is no. In Political Science, Economics, Psychology and many other fields, scandals involving fabricated data have stirred a debate that calls for fundamental changes in the way research is done. This talk will discuss how universities, journals, funders and researchers can nurture a reproducibility culture to ensure that the gold standard of reliable, credible and valid research is upheld.

Speaker: Dr Nicole Janz is an Assistant Professor at the School of Politics and International Relations at the University of Nottingham. Her research interests include human rights, foreign direct investment, corruption and slavery. Dr Janz is involved in a number of initiatives to promote research transparency. She is an ambassador at the Center for Open Science (CFO) and a catalyst at the Berkeley Initiative for Transparency in the Social Sciences (BITSS). Before working at Nottingham, Dr Janz taught statistics for social scientists at the Social Sciences Research Methods Centre, University of Cambridge. She completed her PhD in Politics and International Studies at the Department of Politics and International Studies at Cambridge. Dr Janz blogs about reproducibility at http://politicalsciencereplication.wordpress.com and tweets @polscireplicate.

Directions: The Divinity School is the old building opposite St John's College on St John's Street. Go down the alley situated on the opposite side of St John's Street to St John's Great Gate. The Lightfoot Room is entered via the first door on your left. Once inside follow the arrows: turning first right and going up two short flights of stairs the Lightfoot Room is on your right. The nearest car park is at Park Street. Arrivals after 7-45pm may gain admittance by contacting the secretary on 07761769436.

Provisional Next Meetings:
19th March – Graham Wheeler (Cancer Research UK and UCL Cancer Trials Centre @ University College London) on 'A Bayesian model-free approach to combination therapy phase I trials using censored time-to-toxicity data'.
30th April – Matthew Bland (Institute of Criminology).
9th October – Imre Leader (Department of Pure Mathematics) on 'Clueless Voting'.
26th November – Nick Goldman (European Bioinformatics Institute).
23rd April 2020 – Peter Treasure (National Cancer Registration and Analysis Service).
7th May – Allègre Hadida (Judge Business School).
Supper: Some members eat regularly in the University Centre before each meeting at **5-45pm**. Feel free to join them.
Subscriptions: of 1 pound are now due for attending the 2018-2019 session.
Secretary: Peter Watson, MRC Cognition and Brain Sciences Unit, 15 Chaucer Road, Cambridge CB2 7EF; telephone 01223 769469; E-mail peter.watson@mrc-cbu.cam.ac.uk

Slides and .mp3 files of old talks: http://www.mrc-cbu.cam.ac.uk/people/peter.watson/csdg.html



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